NAVAL PETROLEUM AND OIL SHALE RESERVES

The amended bill provides $20,472,000 for the operation of the Naval Petroleum and Oil Shale Reserves, instead of $17,301,000 as proposed by the House and $21,301,000 as proposed by the Senate. Within available funds, $1,441,000 is directed for the Naval Petroleum Reserve #3 and $2,000,000 for Los Alamos National Laboratory to support in basin scale environmental impacts for oil shale production.

STRATEGIC PETROLEUM RESERVE

The amended bill provides $188,472,000 for the Strategic Petroleum Reserve, a decrease of $143,137,000 below the budget request, instead of $163,472,000 as proposed by the House and the Senate. The Department is directed to use $25,000,000 to acquire land at a new site consistent with the budget request. The Appropriations Committees provide for the operation of the Strategic Petroleum Reserve, but do not support the expansion of the reserve to 1.5 billion barrels.

NORTHEAST HOME HEATING OIL RESERVE

The amended bill provides $12,448,000 for the Northeast Home Heating Oil Reserve, instead of $5,325,000 as proposed by the House and $12,825,000 as proposed by the Senate. The increase of $7,123,000 over the budget request is to accommodate increased costs for storage leases.

ENERGY INFORMATION ADMINISTRATION

The amended bill provides $96,337,000 for the Energy Information Administration instead of $105,095,000 as proposed by the House and the Senate. Within available funds, $1,000,000 is provided for the National Academy of Sciences to support the International Institute for Advanced Systems Analysis's Global Energy Assessment.

NON-DEFENSE ENVIRONMENTAL CLEANUP

The amended bill provides $183,937,000 for Non-Defense Environmental Cleanup instead of $286,041,000 as proposed by the House or $195,437,000 as proposed by the Senate. Funding under this heading in the amended bill includes an increase of $5,000,000 for the acceleration of the decontamination and decommissioning of the graphite reactor at Brookhaven National Laboratory.

The amended bill does not support the consolidation of Legacy Management activities within the Non-Defense Environmental Management account. The amended bill includes a provision regarding the cleanup requirements at the Energy Technology and Engineering Center at the Santa Susana Field Laboratory, as proposed by the Senate.

Energy Technology and Engineering Center.—The Appropriations Committees are aware of the suspension of the Department's deactivation and decommissioning activities at the Energy Technology and Engineering Site, Santa Susana Field Laboratory, in Simi Valley, California. The Appropriations Committees are very concerned with the need to assure thorough site characterization and cleanup and will be monitoring the Department's actions closely.

Internal reprogramming authority.—The agency should follow the internal reprogramming authority as directed in the House report, omitting Legacy Management as a control point.

Economic development.—None of the Non-Defense Environmental Management funds, including those provided in the Non-Defense Environmental Cleanup and Uranium Enrichment Decontamination and Decommissioning Fund, are available for economic development activities.

Report requirement.—The Appropriations Committees direct the Department to provide a report within 180 days of enactment of this Act on the annual funding requirements needed to complete remediation of the Moab uranium mill tailings site and removal of the tailings to the Crescent Junction site in Utah no later than the year 2019.

URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING FUND

The amended bill provides $627,876,000 for activities funded from the Uranium Enrichment Decontamination and Decommissioning Fund, instead of $618,759,000 proposed by the House and $573,509,000 proposed by the Senate. Funding under this heading includes an increase of $54,367,000 over the budget request for decontamination and decommissioning activities at the Oak Ridge East Tennessee Technology Park K–25 process building. Funding under this heading provides the budget request for cleanup at Paducah and Portsmouth facilities. The amended bill also provides $20,000,000 for the Title X uranium and thorium reimbursements program, the same as the budget request and the House, and instead of no funds as proposed by the Senate.

SCIENCE

The amended bill provides $4,055,483,000 for Science instead of $4,514,082,000 as proposed by the House and $4,496,759,000 as proposed by the Senate. Funds previously provided for the Coralville, Iowa, project in the Consolidated Appropriations Act, 2004, are rescinded.

High Energy Physics.—Funding under this heading in the amended bill includes $694,638,000 for High Energy Physics. Within funding for Proton Accelerator-Based Physics, no funds are provided for the NOνA activity in Tevatron Complex Improvements. Within Advanced Technology R&D, in the current constrained environment and without a Critical Decision 0 by the Department, only $15,000,000 is provided for International Linear Collider R&D and $5,455,000 for Superconducting RF R&D.

The Committees on Appropriations appreciate the Beyond Einstein Program architecture report by the National Research Council and support its recommendations. Accordingly, the Department of Energy is directed to proceed jointly with NASA to conduct and complete an open, competitive selection of the science investigation and payload for the Joint Dark Energy Mission (JDEM) during 2008. This selection should use the NASA Announcement of Opportunity process and have as its primary science selection criterion the achievement of improved understanding of dark energy and include improved understanding in astrophysics generally as a secondary criterion. The selection should be made jointly by one official each from NASA and DOE. If DOE and NASA cannot agree on a joint approach for mission implementation, DOE should provide no future year support for this activity or for other space science satellite missions. The Department is directed to continue support for the Super Nova Acceleration Probe during fiscal year 2008.

The control level is at the High Energy Physics level.

Nuclear Physics.—Funding under this heading in the amended bill includes $436,700,000 for Nuclear Physics. Within Nuclear Physics, construction is funded at $17,700,000, the same as the request.

Biological and Environmental Research.—Funding under this heading in the amended bill includes $549,397,000 for Biological and Environmental Research. This area of the Office of Science encompasses two distinct research efforts: Biological Research, using biology to address energy production and environmental remediation, and Climate Change Research. The Department is directed to request funds for Biological Research and Climate Change Research as separate subaccounts in fiscal year 2009 and future fiscal years.

Biological Research.—Funding under this heading in the amended bill includes $411,273,000 for Biological Research, including $31,500,000 for Medical Applications and Measurement Science. The increase of $17,500,000 is for nuclear medicine research. All of the added funds must be awarded competitively in one or more solicitations that include all sources—universities, the private sector, and government laboratories—on an equal basis. The Committees on Appropriations support the language contained in the Senate report on Advanced Materials Testing and Low Dose Research. The Committees on Appropriations also note that diagnostics are currently in development between the University of New Mexico (UNM) and Los Alamos National Laboratory utilizing the unique capabilities of Los Alamos National Laboratory at the IPF at LANSCE and the radiopharmaceutical expertise of UNM at the Center for Isotopes in Medicine.

Climate Change Research.—Funding under this heading in the amended bill includes $138,124,000 for Climate Change Research, the same as the request.

Basic Energy Sciences.—Funding under this heading in the amended bill includes $1,281,564,000 for Basic Energy Sciences. Within Basic Energy Sciences, $15,000,000 is provided for the Experimental Program to Stimulate Competitive Research (EPSCoR).

Reprogramming.—For purposes of reprogramming during fiscal year 2008, the Department may allocate funding among all operating accounts within Basic Energy Sciences, consistent with the reprogramming guidelines outlined in House Report 110–185.

Nanoscience Research Centers.—The Committees on Appropriations support ongoing research at the Nanoscale Science Research Centers and Manuel Lujan Jr. Neutron Scattering Center.

Construction.—Given current budget constraints, funding under this heading in the amended bill includes less funding than requested for two projects where the start of major construction activity can be delayed.

Advanced Scientific Computing Research.—Funding under this heading in the amended bill includes $354,398,000 for Advanced Scientific Computing Research. Within Advanced Scientific Computing Research, $19,500,000 is included for the Office of Science to continue the Department's participation in the Defense Advanced Research Projects Agency High Productivity Computing Systems partnership and an increase of $7,700,000 is included for the Oak Ridge Leadership Computing Facility to maintain the planned budget and cost schedule.

The Office of Science and the National Nuclear Security Administration (NNSA) are directed to establish the Institute for Advanced Architectures and Algorithms with Centers of Excellence at Sandia National Laboratories and Oak Ridge National Laboratory. These Centers will execute a national program involving industry, universities and national laboratories that is focused on technologies to sustain the U.S. leadership in high performance computing. The NNSA ASC and Office of Science ASCR programs will jointly fund the program and provide direction needed to support the goal of developing exascale computing for the Nation.

Fusion Energy Sciences.—Funding under this heading in the amended bill includes $289,180,000 for Fusion Energy Sciences. Within Fusion Energy Sciences, $162,910,000 is provided for Science, $93,504,000 for U.S. Facility Operations, an increase of $6,000,000 to be used to increase facility operations at the three U.S. user facilities (i.e., the DIII–D, Alcator C–Mod, and National Spherical

Torus Experiment) $22,042,000 for Enabling R&D, an increase of $1,225,000 for materials research, $0 for the U.S. contribution to ITER, and $10,724,000 for Enabling R&D for ITER. Funding under this heading in the amended bill includes $12,281,000 for High Energy Density Physics. Funding may not be reprogrammed from other activities within Fusion Energy Sciences to restore the U.S. contribution to ITER.

Science Laboratories Infrastructure.—Funding under this heading in the amended bill includes $65,456,000 for infrastructure activities. Within Science Laboratories Infrastructure, $1,520,000 is provided to continue payments in lieu of taxes for Argonne and Brookhaven National Laboratories, $5,079,000 for Oak Ridge Laboratory landlord expenses, and $8,828,000 for excess facilities disposition, as requested. Also included is $50,029,000 for MEL–001 Multiprogram energy laboratory infrastructure projects at various locations.

The Committees on Appropriations continue to be supportive of the Physical Sciences Facility at the Pacific Northwest National Laboratory, and $25,000,000 for this facility is included in funding provided for MEL–001. This amount is $10,000,000 below the request for this facility in the Office of Science. The Department is directed to increase the future year funding contribution of the Office of Science for this facility by $10,000,000 to restore the baseline funding contribution from the Office of Science. To keep this project on schedule, $25,000,000 is included in Defense Nuclear Nonproliferation.

The Committees on Appropriations understand that the modernization of Laboratory 4500 at Oak Ridge National Laboratory can be accomplished more efficiently than originally proposed in the fiscal year 2007 budget request. The Department is directed to use the existing $2,000,000 of PED funding, plus the requested construction funding under the MEL–001 infrastructure project, for the design and construction of a new multi-purpose laboratory to replace 4500N.

Safeguards and Security.—Funding under this heading in the amended bill includes $76,592,000 for Safeguards and Security, the same as the request.

Science Workforce Development.—Funding under this heading in the amended bill includes $8,118,000 for Science Workforce Development.

Science Program Direction.—Funding under this heading in the amended bill includes $179,412,000 for Science Program Direction including $6,644,000 to support the New Brunswick Laboratory.

Funding Adjustments.—Funding under this heading in the amended bill includes an offset of $5,605,000 for the safeguards and security charge for reimbursable work.

Congressionally Directed Projects.—Funding under this heading in the amended bill includes $125,633,000 for Congressionally Directed Projects.

CONGRESSIONALLY DIRECTED SCIENCE PROJECTS

PROJECT	
AAMURI INTEGRATED ENVIRONMENTAL RESEARCH AND SERVICES (AL)	$500,000
ADVANCED CELLULAR AND BIOMOLECULAR IMAGING (PA)	500,000
ADVANCED LABORATORY TECHNOLOGY INITIATIVE (NJ)	500,000
ALBRIGHT COLLEGE SCIENCE FACILITIES (PA)	350,000
ALLIANCE FOR NANOHEALTH (TX)	750,000
BELMONT BAY SCIENCE CENTER (VA)	250,000
BENNETT COLLEGE SCIENCE AND TECHNOLOGY FACILITY (NC)	1,000,000
BERKSHIRE ENVIRONMENTAL RESOURCES CENTER (MA)	250,000
BOSTON COLLEGE INSTITUTE FOR INTEGRATED SCIENCES (MA)	1,000,000
BRONX COMMUNITY COLLEGE SUSTAINABLE ENERGY CENTER (NY)	300,000
BULK PRODUCTION OF METALLIC GLASS (OH)	500,000
CARDIAC CATHETERIZATION RESEARCH AND EQUIPMENT (TX)	750,000
CENTER FOR NANOMEDICINE AT THE UNIVERSITY OF MARYLAND IN BALTIMORE TO SUPPORT RESEARCH INTO NEW NANOCONSTRUCTS (MD)	250,000
CHEYNEY UNIVERSITY STEM EDUCATION INFRASTRUCTURE (PA)	1,250,000
CHICAGO PUBLIC SCHOOLS SCIENCE LABORATORY ENHANCEMENT (IL)	1,000,000
CHICAGO STATE UNIVERSITY RESEARCH (IL)	1,000,000
CHILDREN'S ONCOLOGY GROUP CHILDHOOD CANCER RESEARCH (TX)	200,000
COE COLLEGE SCIENTIFIC INSTRUMENTATION (IA)	900,000
COLUMBUS CHILDREN'S HOSPITAL IMAGING EQUIPMENT (OH)	1,000,000
DECISION SUPPORT TOOLS FOR COMPLEX ANALYSIS (OH)	2,000,000
DEPAUL UNIVERSITY INTERDISCIPLINARY SCIENCE AND TECHNOLOGY (IL)	250,000
DOMINICAN UNIVERSITY IN RIVER FOREST, ILLINOIS FOR RESEARCH RELATED TO THE ROLE OF TRANSGLUTAMINASES IN ALZHEIMER'S AND HUNTINGTON'S DISEASES (IL)	600,000
EASTERN KENTUCKY UNIVERSITY CHEMICAL RESEARCH INSTRUMENTATION (KY)	300,000
ECKERD COLLEGE SCIENCE CENTER (FL)	2,000,000
EMMANUEL COLLEGE CENTER FOR SCIENCE PARTNERSHIP (MA)	500,000
ENERGY EFFICIENCY THROUGH THE NY INDUSTRIAL RETENTION NETWORK (NY)	500,000
ENVIRONMENTAL SYSTEM CENTER AT SYRACUSE UNIVERSITY (NY)	750,000
FORDHAM UNIVERSITY REGIONAL SCIENCE CENTER (NY)	700,000
GEOTHERMAL DEMONSTRATION PROJECT (OH)	500,000
GEOTHERMAL SYSTEM AT SHERMAN HOSPITAL IN ELGIN, IL (IL)	1,000,000
GERMANTOWN BIOTECHNOLOGY PROJECT (MD)	1,500,000
GOOD SAMARITAN HOSPITAL SPECIALTY CANCER CENTER (OH)	400,000
GREEN BUILDING TECHNOLOGIES FOR LAKEVIEW MUSEUM (IL)	200,000
GREEN ENERGY XCHANGE (NC)	840,000
GULF OF MAINE RESEARCH INSTITUTE LAB UPGRADES (ME)	750,000
HARNEY SCIENCE CENTER EQUIPMENT (CA)	500,000
HOFSTRA UNIVERSITY CENTER FOR CONDENSED MATTER RESEARCH (NY)	550,000
IMAGING AND ONCOLOGY EQUIPMENT AT UVSC (UT)	750,000
INDIANA WESLEYAN UNIVERSITY SCHOOL OF NURSING (IN)	250,000
INLAND NORTHWEST RESEARCH ALLIANCE (INRA) WATER RESEARCH (WA)	1,500,000
INSTITUTE FOR COLLABORATIVE SCIENCES RESEARCH (FL)	400,000
JACKSON STATE UNIVERSITY IN JACKSON, MISSISSIPPI, FOR BIOENGINEERING RESEARCH TRAINING (MS)	2,000,000
JACKSONVILLE UNIVERSITY MARINE SCIENCE RESEARCH INSTITUTE (FL)	500,000
KUMC TELE-ONCOLOGY NETWORK (KS)	300,000
LAKE GRANBURY AND LAKE WHITNEY ASSESSMENT (TX)	500,000
LAPEER REGIONAL MEDICAL CENTER CT SIMULATOR (MI)	400,000
LEVINE CHILDREN'S HOSPITAL CT SCANNER (NC)	1,000,000
LIGHTWEIGHT POWER SUPPLY DEVELOPMENT (PA)	500,000

CONGRESSIONALLY DIRECTED SCIENCE PROJECTS

PROJECT	
LOGAN CANCER CENTER EQUIPMENT AND TECHNOLOGY (UT)	1,000,000
LOMA LINDA UNIVERSITY MEDICAL COLLEGE RADIATION PROTECTION PROGRAM (CA)	2,000,000
LOUISIANA TECH UNIVERSITY IN RUSTON, LOUISIANA, FOR RESEARCH IN NANOTECHNOLOGY (LA)	1,500,000
LOUISVILLE SCIENCE CENTER (KY)	150,000
LUTHER COLLEGE SCIENCE BUILDING RENOVATION PROJECT (IA)	750,000
MATHEMATICS, SCIENCE AND TECHNOLOGY RESEARCH AND TRAINING LAB PROJECT (PA)	2,500,000
MEMORIAL HEALTH SYSTEM, SPRINGFIELD, ILLINOIS (IL)	500,000
MEMORIAL HERMANN BAPTIST HOSPITAL ORANGE--1.5T MRI (TX)	600,000
NANOSYSTEMS INITIATIVE AT THE UNIVERSITY OF ROCHESTER (NY)	1,000,000
NANOTECHNOLOGY RESEARCH INTERNSHIPS IN ILLINOIS (IL)	500,000
NEUROSCIENCE LABORATORY, DOMINICAN UNIVERSITY (IL)	300,000
NEUROSCIENCES INSTITUTE IN MORGANTOWN, WEST VIRGINIA, TO SUPPORT MOLECULAR GENETICS RESEARCH (WV)	2,000,000
NEVADA CANCER INSTITUTE IN LAS VEGAS TO SUPPORT RESEARCH OF CELLULAR ANTIGENS AND NUCLEI ACIDS (NV)	500,000
NEW MEXICO CENTER FOR ISOTOPES IN MEDICINE (NM)	750,000
NEW MEXICO TECH UNIVERSITY IN SOCORRO, NEW MEXICO, FOR APPLIED ENERGY SCIENCE DESIGN (NM)	1,500,000
NEW SCHOOL UNIVERSITY GREEN BUILDING (NY)	2,000,000
NORTHERN HEMISPHERE PIERRE AUGER OBSERVATORY IN COLORADO FOR THE NORTHERN HEMISPHERE LOCATION OF A PARTICLE DETECTION OBSERVATORY (CO)	1,000,000
NORTHWEST MISSOURI STATE UNIVERSITY IN MARYVILLE, MISSOURI, FOR THE NANOSCIENCE EDUCATION PROJECT (MO)	1,200,000
NOTRE DAME INNOVATION PARK (IN)	784,000
NUTLEY ENERGY EFFICIENT ELEMENTARY SCHOOLS (NJ)	500,000
PERRY MEMORIAL HOSPITAL PACS SYSTEM (IL)	350,000
PHASE II DESIGN AND CONST. OF SAGE HALL SCIENCE (FL)	500,000
PIKEVILLE MEDICAL CENTER, KENTUCKY (KY)	500,000
PIONEER VALLEY LIFE SCIENCES INITIATIVE (MA)	1,000,000
PROTON BEAM THERAPY (WA)	750,000
PURDUE CALUMET INLAND WATER INSTITUTE (IN)	500,000
PURDUE TECHNOLOGY CENTER (IN)	2,000,000
ROCKLAND COMMUNITY COLLEGE SCIENCE LABORATORY (NY)	500,000
ROOSEVELT UNIVERSITY BIOLOGY LABORATORY EQUIPMENT (IL)	700,000
SANDIA INSTITUTE FOR ADVANCED COMPUTING ALGORITHMS, NEW MEXICO, FOR HIGH PERFORMANCE COMPUTING AND ADVANCED ALGORITHM DEVELOPMENT (NM)	7,437,500
SETON HALL UNIVERSITY SCIENCE AND TECHNOLOGY CENTER (NJ)	1,000,000
SOUTH CAROLINA LAMBDA RAIL COMPUTER NETWORK PORTAL (SC)	1,200,000
SOUTH COUNTY NATURE PRESERVE, IRVINGTON, NY (NY)	250,000
SOUTH DAKOTA CATALYST GROUP FOR ALTERNATIVE ENERGY TO SUPPORT RESEARCH THAT WILL SYNTHESIZE, CHARACTERIZE AND SCALE UP PRODUCTION OF CATALYSTS IMPORTANT FOR ENERGY ALTERNATIVES TO FOSSIL FUELS (SD)	1,100,000
ST. CLARE'S HOSPITAL (NJ)	500,000
ST. JOSEPH'S UNIVERSITY SCIENCE CENTER EQUIPMENT (PA)	800,000
ST. ROSE DOMINICAN HOSPITALS SIERRA TRAUMA CENTER (NV)	500,000
ST. THOMAS UNIVERSITY - CORTE (FL)	250,000
SUSTAINABLE BIOFUELS DEVELOPMENT CENTER (CO)	350,000
TECHNOLOGY FOR PRINT DISABLED STUDENTS (FL)	1,200,000
TEXAS CENTER FOR ADVANCED SCIENCE COMPUTING AND MODELING (TX)	750,000
THE METHANOL ECONOMY (CA)	2,000,000
TULANE MATERIALS AND ENERGY RESEARCH (LA)	1,200,000
U. OF CALIFORNIA, LOS ANGELES FOR THE INSTITUTE FOR MOLECULAR MEDICINE RADIATION RESEARCH (CA)	6,000,000
U. OF CALIFORNIA, SAN DIEGO TO SUPPORT SEISMIC RESEARCH (CA)	2,000,000

CONGRESSIONALLY DIRECTED SCIENCE PROJECTS

PROJECT	
U. OF CHICAGO TO RESEARCH MULTI-MODALITY, IMAGE-BASED MARKERS FOR ASSESSING BREAST DENSITY & STRUCTURE TO DETERMINE RISK OF BREAST CANCER (IL)	600,000
U. OF DUBUQUE, ENVIRONMENTAL SCIENCE CENTER (IA)	1,000,000
U. OF LOUISVILLE REGIONAL NMR FACILITY IN LOUISVILLE, KENTUCKY, TO SUPPORT ONGOING RESEARCH IN FUNDAMENTAL PROCESSES OF ELECTRON TRANSPORT SYSTEMS AND THE STRUCTURAL BIOLOGY OF PROTEINS (KY)	1,000,000
U. OF MAINE IN ORONO, MAINE, FOR RESEARCH IN INTEGRATED FOREST PRODUCTS REFINERY TECHNOLOGY (ME)	1,000,000
U. OF MASSACHUSETTS AT BOSTON TO SUPPORT MARINE SYSTEMS RESEARCH (MA)	500,000
U. OF MISSISSIPPI MEDICAL CENTER IN JACKSON, MISSISSIPPI, TO FUND RESEARCH IN THE AREAS OF INCREASING EFFICIENCY BY REDUCING THE AMOUNT OF CONTRAST MEDIA NEEDED FOR CERTAIN PROCEDURES (MS)	600,000
U. OF NC COLLABORATIVE INITIATIVE IN BIOMEDICAL IMAGING (NC)	1,000,000
U. OF ND IN GRAND FORKS TO SUPPORT ANTIBODIES RESEARCH (ND)	2,500,000
U. OF NEBRASKA MEDICAL CENTER IN OMAHA TO CONDUCT NANOSCALE IMAGING OF PROTEINS (NE)	2,000,000
U. OF NEVADA, LAS VEGAS, NEVADA WATER IN THE 21ST CENTURY MULTI-DISCIPLINARY RESEARCH PROJECT (NV)	1,000,000
U. OF NEW MEXICO IN ALBUQUERQUE, NEW MEXICO, FOR THE MIND INSTITUTE ONGOING RESEARCH INTO BRAIN RELATED RESEARCH INCLUDING SUPPORTING RESEARCH OF MILITARY PERSONNEL SUFFERING FROM POST TRAUMATIC STRESS DISORDER, DEPRESSION AND TRAUMATIC BRAIN INJURIES (NM)	12,000,000
U. OF OKLAHOMA IN NORMAN, OKLAHOMA, FOR THE LARGE SCALE APPLICATION OF SINGLE-WALLED CARBON NANOTUBES (OK)	1,000,000
U. OF SAINT FRANCIS SCIENCE CENTER (IN)	721,000
U. OF SOUTHERN INDIANA ENGINEERING EQUIPMENT (IN)	750,000
U. OF VERMONT IN BURLINGTON TO CONDUCT RESEARCH OF MRI SCIENCE (VT)	1,000,000
U. OF VERMONT IN BURLINGTON TO SUPPORT RESEARCH IN AGRICULTURAL, ENVIRONMENTAL, AND BIOLOGICAL SCIENCES (VT)	3,000,000
ULTRA-DENSE SUPERCOMPUTING MEMORY STORAGE IN COLORADO FOR FURTHER RESEARCH IN THIS FIELD (CO)	1,000,000
UMASS INTEGRATIVE SCIENCE BUILDING (MA)	2,000,000
URBAN RESEARCH CENTER AND GREENHOUSE, BROOKLYN (NY)	500,000
USA CANCER INSTITUTE ONCOLOGY MEDICAL RECORD SYSTEM (AL)	500,000
WAKE FOREST UNIVERSITY RESEARCH ON ALTERNATIVES TO TRANSPLANTATION (NC)	1,000,000
WESTMINSTER COLLEGE SCIENCE CENTER (UT)	400,000
WIPP IN CARLSBAD, NEW MEXICO, TO SUPPORT NEUTRINO RESEARCH (NM)	1,500,000
XAVIER UNIVERSITY SCIENCE EQUIPMENT (OH)	500,000

DEPARTMENT OF ENERGY
(Amounts in thousands)

	Budget Request	Amended Bill
NAVAL PETROLEUM AND OIL SHALE RESERVES	17,301	20,472
STRATEGIC PETROLEUM RESERVE	331,609	188,472
NORTHEAST HOME HEATING OIL RESERVE	5,325	12,448
ENERGY INFORMATION ADMINISTRATION	105,095	96,337
NON-DEFENSE ENVIRONMENTAL CLEANUP		
West Valley Demonstration Project	54,395	54,395
Gaseous Diffusion Plants	38,120	38,120
Fast Flux Test Reactor Facility (WA)	10,342	10,342
Small Sites:		
Argonne National Lab	2,437	437
Brookhaven National Lab	23,699	28,699
Idaho National Lab	5,400	5,400
Consolidated Business Center:		
California Site support	160	160
Inhalation Toxicology Lab	427	427
Stanford Linear Accelerator Center	5,900	5,900
Energy Technology Engineering Center	13,000	13,000
Los Alamos National Lab	1,905	1,905
Moab	23,952	23,952
Completed sites administration and support	1,200	1,200
Subtotal, Consolidated Business Center	46,544	46,544
Subtotal, small sites	78,080	81,080
TOTAL, NON-DEFENSE ENVIRONMENTAL CLEANUP	180,937	183,937
URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING FUND		
Decontamination and decommissioning	553,509	607,876
Uranium/thorium reimbursement	20,000	20,000
TOTAL, UED&D FUND/URANIUM INVENTORY CLEANUP	573,509	627,876
SCIENCE		
High energy physics		
Proton accelerator-based physics	389,672	376,702
Electron accelerator-based physics	79,763	78,763
Non-accelerator physics	72,430	61,800
Theoretical physics	56,909	56,909
Advanced technology R&D	183,464	120,464
Total, High energy physics	782,238	694,638
Nuclear physics	453,619	419,000
Construction		
07-SC-02 Electron beam ion source Brookhaven National Laboratory, NY	4,200	4,200
06-SC-01 Project engineering and design (PED) 12 GeV continuous electron beam accelerator facility upgrade, Thomas Jefferson National Accelerator facility (was project 07-SC-001), Newport News, VA	13,500	13,500
Total, Nuclear physics	471,319	436,700
Biological and environmental research		
Biological research	393,773	411,273
Climate change research	138,124	138,124
Total, Biological and environmental research	531,897	549,397
Basic energy sciences		
Research		
Materials sciences and engineering research	1,093,219	955,094
Chemical sciences, geosciences and energy biosciences	283,956	232,348
Subtotal, Research	1,377,175	1,187,442
Construction		
08-SC-01 Advanced light source (ALS) user support building, LBNL, CA	17,200	5,000

DEPARTMENT OF ENERGY
(Amounts in thousands)

	Budget Request	Amended Bill
08-SC-10 Project engineering and design (PED) Photon ultrafast laser science and engineering (PULSE) building renovation, SLAC, CA	950	950
08-SC-11 Photon ultrafast laser science and engineering (PULSE) building renovation, SLAC, CA	6,450	6,450
07-SC-06 Project engineering and design (PED) National Synchrotron light source II (NSLS-II)	45,000	30,000
05-R-320 LINAC coherent light source (LCLS)	51,356	51,356
05-R-321 Center for functional nanomaterials (BNL)	366	366
Subtotal, Construction	121,322	94,122
Total, Basic energy sciences	1,498,497	1,281,564
Advanced scientific computing research	340,198	354,398
Fusion energy sciences program	427,850	289,180
Science laboratories infrastructure		
Laboratories facilities support		
Infrastructure support	1,520	1,520
Construction		
03-SC-001 Science laboratories infrastructure MEL-001 Multiprogram energy laboratory infrastructure projects, various locations	63,529	50,029
Subtotal, Laboratories facilities support	65,049	51,549
Oak Ridge landlord	5,079	5,079
Excess facilities disposal	8,828	8,828
Total, Science laboratories infrastructure	78,956	65,456
Safeguards and security	76,592	76,592
Workforce development for teachers and scientists	11,000	8,118
Science program direction		
Field offices	104,193	103,193
Headquarters	80,741	76,219
Total, Science program direction	184,934	179,412
Congressionally directed projects	---	125,633
Subtotal, Science	4,403,481	4,061,088
Less security charge for reimbursable work	-5,605	-5,605
TOTAL, SCIENCE	4,397,876	4,055,483
NUCLEAR WASTE DISPOSAL		
Repository program	127,780	119,000
Program direction	74,674	70,000
TOTAL, NUCLEAR WASTE DISPOSAL	202,454	189,000
Innovative Technology Loan Guarantee Program		
administrative operations	8,390	5,500
Offsetting collection	---	-1,000
Subtotal, Innovative Technology Guarantee Pgm	8,390	4,500
DEPARTMENTAL ADMINISTRATION		
Administrative operations		
Salaries and expenses		
Office of the Secretary	5,787	5,787
Chief Financial Officer	40,260	42,260
Management	63,939	65,439